

CLAIMS

1. Telecommunications services apparatus for use with a mobile telephone network utilising a first message delivery function, the apparatus comprising routing means for
5 identifying a characteristic in a message signal received in the telephone network, and message processing means for translating a short form destination address in the message signal into a full destination address for a second message delivery function different from the first delivery function, the address translation being effected using a predefined syntax, and the routing means being operable to send the message signal to the message
10 processing means in response to identification of the characteristic in the message signal.
2. Apparatus according to claim 1, including message delivery means for forwarding the message signal to the translated full destination address according to the second message delivery function, the message delivery means being additionally
15 operable to receive a reply message signal from the original destination address and to forward the reply message signal to the message processing means for enabling translation of the reply destination address into accord with the first message delivery function such that the reply message signal may be sent to the originator of the original message signal.
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3. Apparatus according to claim 1 or claim 2, wherein the characteristic in the message signal to be identified by the routing means is when the destination address is in alphanumeric form.
- 25 4. Apparatus according to claim 3, wherein the alphanumeric destination address is carried within an SMS destination address field.
5. Apparatus according to any one of claims 1 to 4, wherein the first message delivery function is a mobile network text message function.
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6. Apparatus according to claim 5, wherein the mobile network text message function is in accordance with the short message service (SMS).

7. Apparatus according to any one of claims 1 to 6, wherein the second message delivery function is an email function.
- 5 8. Apparatus according to claim 7, wherein the translation according to the predefined syntax involves adding a specific service provider email domain to the short form destination address.
9. Apparatus according to claim 8, wherein the translation according to the
10 predefined syntax is invoked when the short form destination address includes one or more predetermined characters.
10. Apparatus according to claim 9, wherein the translation according to the
15 predefined syntax is invoked when the short form destination address ends with the one or more predetermined characters.
11. Apparatus according to claim 10, wherein the predetermined character is "@".
12. Apparatus according to claim 10, wherein the predetermined characters are "@"
20 followed by one or more other characters identifying corresponding specific service providers to enable translation to the respective service provider email domain.
13. Apparatus according to any one of claims 1 to 6, wherein the second message delivery function is a VPN function.
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14. Apparatus according to claim 13, wherein the translation according to the predefined syntax is invoked when the short form destination address includes one or more predetermined characters.
- 30 15. Apparatus according to claim 14, wherein the translation according to the predefined syntax is invoked when the short form destination address ends with the one or more predetermined characters.

16. Apparatus according to claim 15, wherein the predetermined characters are "!" followed by one or more characters identifying corresponding VPNs.
- 5 17. Apparatus according to any one of claims 1 to 16, wherein the routing means comprises an SMS router.
- 10 18. A telecommunications services method for a mobile telephone network utilising a first message delivery function, the method comprising identifying a characteristic in a message signal received in the telephone network, and translating a short form destination address in the message signal into a full destination address for a second message delivery function different from the first delivery function, the address translation being effected using a predetermined syntax, and the message signal being routed for message processing in response to identification of the characteristic in the message signal.
- 15 19. A method according to claim 18, including forwarding the message signal to the translated full destination address according to the second message delivery function, receiving a reply message signal from the original destination address, and forwarding the reply message signal for message processing to enable translation of the reply destination address into accord with the first message delivery function such that the reply message signal may be sent to the originator of the original message signal.
- 20 20. A method according to claim 18 or claim 19, wherein the characteristic in the message signal to be identified is when the destination address is in alphanumeric form.
- 25 21. A method according to claim 20, wherein the alphanumeric destination address is carried within an SMS destination address field.
- 30 22. A method according to any one of claims 18 to 21, wherein the first message delivery function is a mobile network text message function.

23. A method according to claim 22, wherein the mobile network text message function is in accordance with the short message service (SMS).
24. A method according to any one of claims 18 to 23, wherein the second message
5 delivery function is an email function.
25. A method according to claim 24, wherein the translation according to the predefined syntax involves adding a specific service provider email domain to the short form destination address.
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26. A method according to claim 25, wherein the translation according to the predefined syntax is invoked when the short form destination address includes one or more predetermined characters.
- 15 27. A method according to claim 26, wherein the translation according to the predefined syntax is invoked when the short form destination address ends with the one or more predetermined characters.
28. A method according to claim 27, wherein the predetermined character is "@".
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29. A method according to claim 27, wherein the predetermined characters are "@" followed by one or more other characters identifying corresponding specific service providers to enable translation to the respective service provider email domain.
- 25 30. A method according to any one of claims 18 to 23, wherein the second message delivery function is a VPN function.
31. A method according to claim 30, wherein the translation according to the predefined syntax is invoked when the short form destination address includes one or
30 more predetermined characters.

32. A method according to claim 31, wherein the translation according to the predefined syntax is invoked when the short form destination address ends with the one or more predetermined characters.

5 33. A method according to claim 32, wherein the predetermined characters are "!" followed by one or more characters identifying corresponding VPNs.

34. A method according to any one of claims 18 to 33, wherein the message signal routing is performed by an SMS router.

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35. A computer program for implementing a method according to any one of claims 18 to 34.

36. A storage medium storing a computer program according to claim 35.